Response to Intervention:

Getting Everybody On-Board

Ideas for Maximizing Staff Involvement in a School-Wide Approach to RTI

Goals…

I want to die while asleep like my grandfather,
Not screaming in terror like the passengers in his car.

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Self Affirmations…

I am a Nobody.
Nobody is Perfect.
Therefore I am
Perfect.

Look on the Bright Side…

I may be
schizophrenic,
But at least I have
each other.

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Idea #1 Communicate What's At-Stake

- Use statistics to highlight importance of interventions and the link to successful students.

  Students in the lowest 25 percent of their class in reading are 20 times more likely to drop out then the other 75 percent (U.S. DOE, 2003)

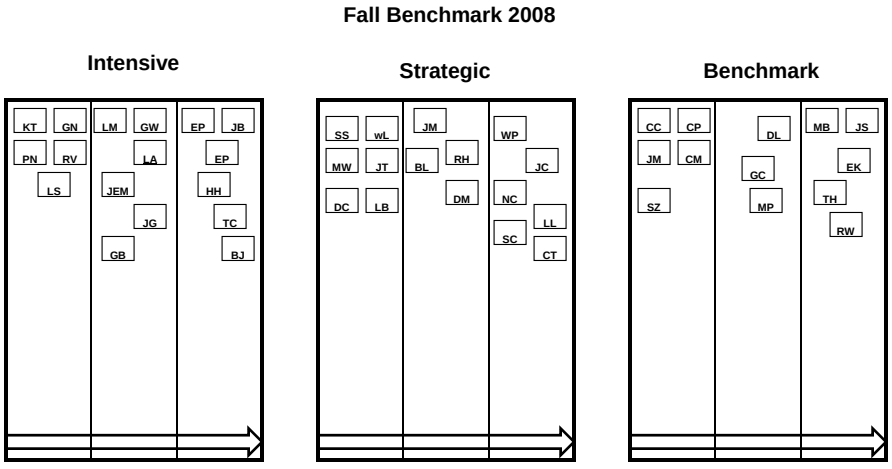
  More 7,000 students drop out of high school every school day – 75% end up incarcerated. (Alliance for Excellent Education, 2007)

Communicate the Relevance to All Subjects

75% of the variance in academic achievement is attributable to reading.

Idea #2
Communicate Your Data

- **Data Boards – Powerful Visuals**
- Your Schools Pyramid
- Data Trend line
- Link between student risk category and outcomes

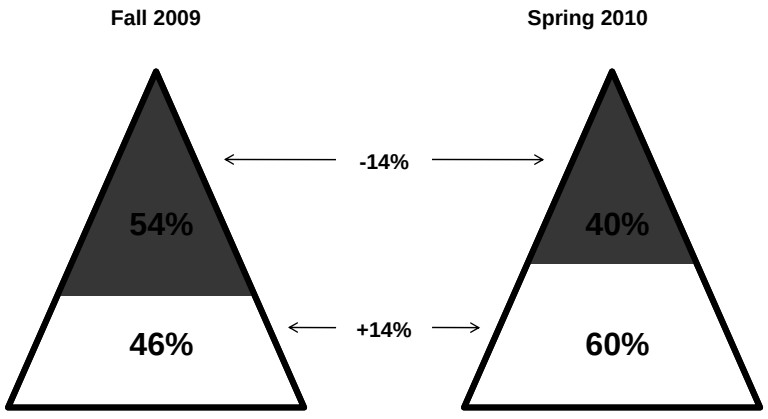


What is the difference between readers in the Red vs. Green?

Idea #2
Communicate Your Data

- Data Boards
- **Your School's Pyramid**
- Data Trend line
- Link between student risk category and outcomes

Carver Middle School
All Grades



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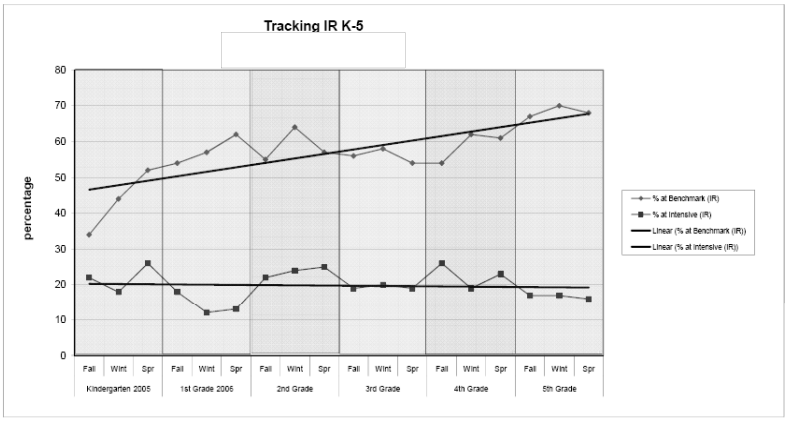
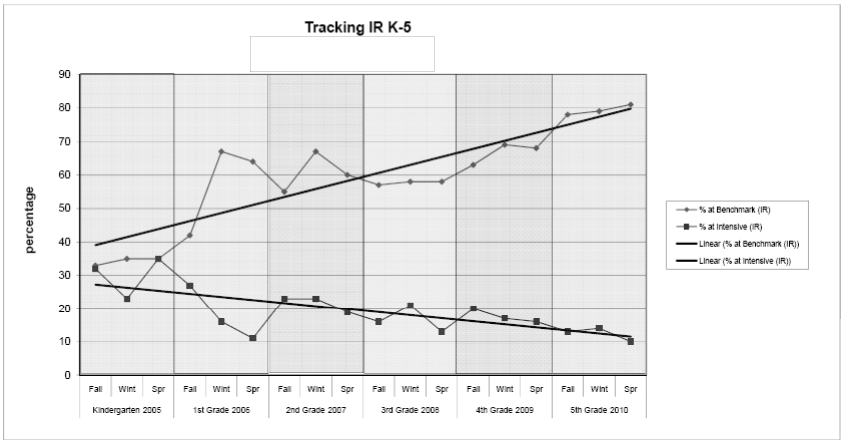
Idea #2
Communicate Your Data

- Data Boards
- Your Schools Pyramid
- **Data Trend lines**
- Link between student risk category and outcomes

	Kindergarten 2005			1st Grade 2006			2nd Grade			3rd Grade			4th Grade			5th Grade		
	Fall	Wint	Spr	Fall	Wint	Spr	Fall	Wint	Spr	Fall	Wint	Spr	Fall	Wint	Spr	Fall	Wint	Spr
% at Benchmark (IR)	34	44	52	54	57	62	55	64	57	56	58	54	54	62	61	67	70	68
% at Intensive (IR)	22	18	26	18	12	13	22	24	25	19	20	19	26	19	23	17	17	16



	Kindergarten 2005			1st Grade 2006			2nd Grade 2007			3rd Grade 2008			4th Grade 2009			5th Grade 2010		
	Fall	Wint	Spr	Fall	Wint	Spr	Fall	Wint	Spr	Fall	Wint	Spr	Fall	Wint	Spr	Fall	Wint	Spr
% at Benchmark (IR)	33	35	35	42	67	64	55	67	60	57	58	58	63	69	68	78	79	81
% at Intensive (IR)	32	23	35	27	16	11	23	23	19	16	21	13	20	17	16	13	14	10



Idea #2
Communicate Your Data

- Data Boards
- Your Schools Pyramid
- Data Trend line
- **Link between student risk category and outcomes**

Success Zone Probabilities

GREEN	High probability of grade-level or above success on the state assessment
YELLOW	Questionable probability of grade-level or above success on the state assessment
RED	Low probability of grade-level or above success on the state assessment

Idea # 3: Include EVERYONE

- Good Standing Model
  - Mentoring
  - After school program
  - PACE
- PLC Questions
  - What do we want students to know (defined)
  - How do we know if they know it (defined)
  - What do we do when they don't (defined)

Good Standing Example

- PACE (Practice, Activity, Choice, Enrichment)
- Goal: Support and reward students; improve School Culture
- Two Purposes:
  1. Support students academically – immediately
  2. Motivate students to do their best - consistently

Intervention (42 min.)

Teacher	Grade	A Day Subject	Location
Barry	7	Language	P-10
Bogard	8	Algebra	P-15
Bolton		Misc. Subjects	P-9
Brower	6/7	Open Intervention	Library
DuChaine	8	History	M-1
Frame	7	Science	8
Gallwas	6	Connected Math 2	P-6

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Activity (42 min.)

A Day Activities	Location
AVID	M-2
Conditioning – weights	Weight Room
Basketball	Main Gym
Beading	Art Room
Board Games	P-8
Computer Lab	CL-2
Quiet Time	7
Movie	Auditorium
Quiz Bowl	8
Walking Club	Main Gym

Idea #4: Progress Monitoring in Regular Ed. Classes

- Consider progress monitoring and data meetings in to track ALL students
- Can you answer: are the majority of students learning major learning objectives (standards-based grading)?
- 80% successful? Instruction is effective?

Useful Format to Guide Data Meetings

Monitoring Instructional Groups
Kidgraph Form 1

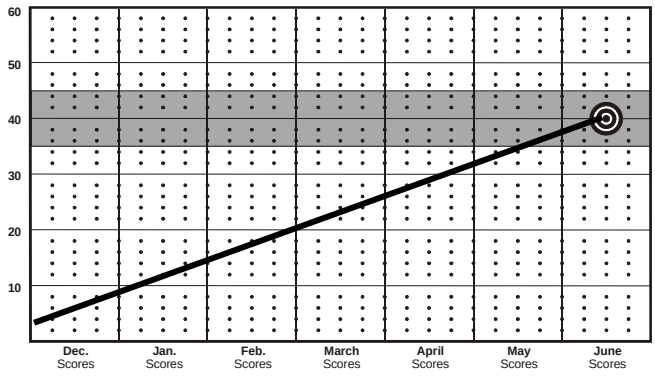
Group Instructor: Beck
Grade/Group: 3rd – BlueJays

Program: RM Signature 2
Date: 10/15/09

Expected Lesson#_113
Actual Lesson #_107

Student Name	Passed Mastery Tests?	On Aimline?	Behavior +/-	Days Absent	Comments:
Randi	Y	Y	+	0	
Missy	Y	Y	+	0	
Candis		Y	+	0	Failed last 2 mastery tests; passed re-tests
Travis	Y	Y	+	1	
Jani			+	0	Passed re-test
Cade	Y	Y	+	0	
Jentry	Y	Y	+	0	
Marrisa	N	Y	+	2	Passed all previous mastery tests
Pedro	Y	Y	-	0	
Marc Anthony	Y	Y	+	0	
Toni	Y	Y	+	0	
Jill	Y	Y	+	0	
% of students Passing/on Aimline?	83%	92%			

Idea #5: Communicate Progress of Students Receiving Intervention



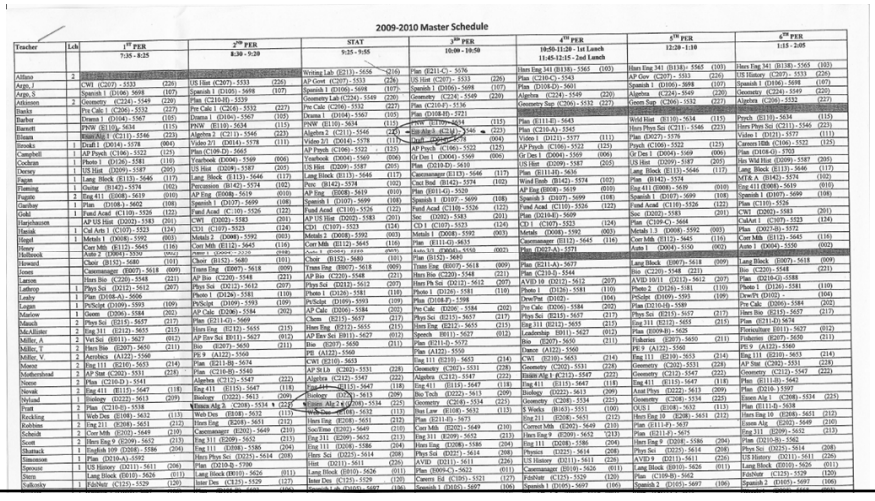
Advertise your Successes – Share at staff Mtgs.

Idea #6: Advertise to Parents and Community

- Brag on what your school is doing to support students.
- Make community and parents aware - advertise how process works, what's available
- Incorporate supports into school culture – make it the "way we do business" and everyone knows it.

Idea #7: Embed Interventions into Schedule – Everyone Involved!

High School Schedule



2009-2010 Master Schedule

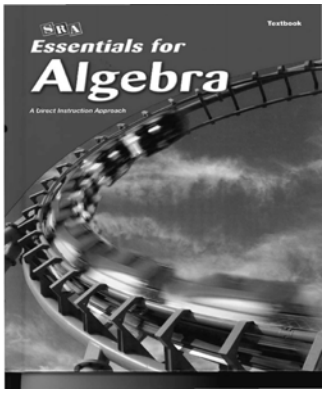
Teacher	Lab	1ST PER 7:35 - 8:25	2ND PER 8:30 - 9:20	STAT 9:25 - 9:55	3RD PER 10:00 - 10:50	4TH PER 10:50-11:20 - 1st Lunch 11:45-12:15 - 2nd Lunch	5TH PER 12:20 - 1:10	6TH PER 1:15 - 2:05
Allitto	2			Writing Lab (I211) - 5656 ~(216)	Plan (I211-C) - 5536	Hum Eng 341 (B118) - 5565 (103)	Hum Eng 341 (B118) - 5565 (103)	Hum Eng 341 (B138) - 5565 (103)
Argo, J		CWI (C207) - 5533 (226)	US Hist (C207) - 5533 (226)	AP Govt (C207) - 5533 (226)	US Hist (C207) - 5533 (226)	Plan (C210-C) - 5543	AP Gov (C207) - 5533 (226)	US History (C297) - 5533 (226)
Argo, S		Spanish 1 (D106) 5698 (107)	Spanish 1 (D106) - 5698 (107)	Spanish 1 (D106) - 5698 (107)	Spanish 1 (D106) - 5698 (107)	Plan (D104-D) - 5601	Spanish 1 (D106) - 5698 (107)	Spanish 1 (D106) - 5698 (107)
Atkinson	2	Geometry (C224) - 5549 (220)	Plan (C210-H) - 5539	Geometry Lab (C224) - 5549 (220)	Geometry (C224) - 5549 (220)	Algebra (C224) - 5549 (220)	Algebra (C206) - 5532 (227)	Algebra (C206) - 5532 (227)
Banks		Pre Calc 1 (C206) - 5532 (227)	Pre Calc 1 (C214) - 5532 (227)	Pre Calc (C206) - 5532 (227)	Pre Calc (C206) - 5532 (227)	Plan (C210-F) - 5536	Geom Sup. (C206) - 5532 (227)	
Barker		Drama 1 (D104) - 5567 (105)	Drama 1 (D104) - 5567 (105)	Drama 1 (D104) - 5567 (105)	Plan (D104-H) - 5721			Psych (E110) - 5634 (115)
Barnett		PHW (E110) - 5634 (115)	PHW (E110) - 5634 (115)	PHW (E110) - 5634 (115)	PHW (E110) - 5634 (115)	Plan (E111-E) - 5643	Wrld Hist (E110) - 5634 (115)	
Bloom		Algebra 2 (C211) - 5546 (223)	Algebra 2 (C211) - 5546 (223)	Algebra 2 (C211) - 5546 (223)	Algebra 2 (C211) - 5546 (223)	Plan (C210-A) - 5545	Hum Phys Sci (C211) - 5546 (223)	Hum Phys Sci (C211) - 5546 (223)
Brooks	1	Draft 1 (D014) - 5578 (004)	Video 2/1 (D014) - 5578 (111)	Video 2/1 (D014) - 5578 (111)	Video 2/1 (D014) - 5578 (004)	Plan (D104-E) - 5578	Video 1 (D121) - 5577 (111)	Plan (D027) - 5578
Campbell	1	AP Psych (C106) - 5522 (125)	Plan (C109-D) - 5665	AP Psych (C106) - 5522 (125)	AP Psych (C106) - 5522 (125)	AP Psych (C106) - 5522 (125)	AP Psych (C106) - 5522 (125)	Psych (C100) - 5522 (125)
Cochran	1	Photo 1 (D126) - 5581 (110)	Yearbook (D004) - 5569 (006)	Yearbook (D004) - 5569 (006)	Gr Des 1 (D004) - 5569 (006)	Gr Des 1 (D004) - 5569 (006)	Gr Des 1 (D004) - 5569 (006)	Plan (D108-Q) - 5703
Dorsey	1	US Hist (D209) - 5587 (205)	US Hist (D209) - 5587 (205)	US Hist (D209) - 5587 (205)	US Hist (D209) - 5587 (205)	US Hist (D209) - 5587 (205)	US Hist (D209) - 5587 (205)	Wrld Hist (D209) - 5587 (205)
Fagan	1	Lang Block (E133) - 5646 (117)	Lang Block (E133) - 5646 (117)	Lang Block (E133) - 5646 (117)	Lang Block (E133) - 5646 (117)	Plan (E114-D) - 5636	Lang Block (E133) - 5646 (117)	Lang Block (E133) - 5646 (117)
Fleming	1	Kbatar (E142) - 5574 (102)	Percussion (E142) - 5574 (102)	Perc (E142) - 5574 (102)	Cmct Bnd (E142) - 5574 (102)	Wind Ensb (E142) - 5574 (102)	Plan (E142) - 5574	NT/E A (E142) - 5574 (102)
Fugate	2	Eng 411 (E008) - 5619 (010)	AP Eng (E008) - 5619 (010)	AP Eng (E008) - 5619 (010)	Plan (E011-G) - 5520	AP Eng (E008) - 5619 (010)	Eng 411 (E008) - 5619 (010)	Eng 411 (E008) - 5619 (010)
Gaskey	1	Plan (D108-) - 5602 (108)	Spanish 1 (D107) - 5699 (108)	Spanish 1 (D107) - 5699 (108)	Spanish 1 (D107) - 5699 (108)	Spanish 3 (D107) - 5699 (108)	Spanish 1 (D107) - 5699 (108)	Spanish 1 (D107) - 5699 (108)
Gohl	1	Fund Acad (C110) - 5526 (122)	Fund Acad (C-10) - 5526 (122)	Fund Acad (C110) - 5526 (122)	Fund Acad (C110) - 5526 (122)	Fund Acad (C110) - 5526 (122)	Fund Acad (C110) - 5526 (122)	Plan (C110) - 5526 (122)
Hagebaumen		AP US Hist (D202) - 5583 (201)	CWI (D202) - 5583 (201)	AP US Hist (D202) - 5583 (201)	Soc (D202) - 5583 (201)	Plan (D104-J) - 5609	Soc (D202) - 5583 (201)	CWI (D202) - 5583 (201)
Hanish	1	Cnd Arts 1 (C107) - 5523 (124)	CD1 (C107) - 5523 (124)	CD1 (C107) - 5523 (124)	CD 1 (C107) - 5523 (124)	CD 1 (C107) - 5523 (124)	Plan (C109-C) - 5666	CtdArt 1 (C107) - 5523 (124)
Hegel	1	Metals 1 (D008) - 5592 (003)	Metals 2 (D008) - 5592 (003)	Metals 2 (D008) - 5592 (003)	Metals 1 (D008) - 5592 (003)	Metals (D008) - 5592 (003)	Metals 1.3 (D008) - 5592 (003)	Plan (D027-0) - 5572
Henry		Cmct Mth (E112) - 5645 (116)	Cmct Mth (E112) - 5645 (116)	Cmct Mth (E112) - 5645 (116)	Plan (E111-G) 3635	Cmctmanager (E112) - 5645 (116)	Cmct Mth (E112) - 5645 (116)	Cmct Mth (E112) - 5645 (116)
Holbrook		Astle 2 (E004) - 5550 (002)	Astle 2 (E004) - 5550 (002)	Astle 3,5 (E004) - 5550 (002)	Astle 3,5 (E004) - 5550 (002)	Plan (D027-A) - 5571	Astle 1 (E004) - 5550 (002)	Astle 1 (E004) - 5550 (002)
Howard		Choir (B152) - 5680 (101)	Choir (B152) - 5680 (101)	Choir (B152) - 5680 (101)	Plan (B152) - 5692			Lang Block (E007) - 5618 (009)
Jones		Cmctmanager (E007) - 5618 (009)	Trans Eng (E007) - 5618 (009)	Trans Eng (E007) - 5618 (009)	Trans Eng (E007) - 5618 (009)	Plan (E211-A) - 5677	Lang Block (E007) - 5618 (009)	Bio (C220) - 5548 (221)
Larson		Hum Bio (C220) - 5548 (221)	AP Bio (C220) - 5548 (221)	AP Bio (C220) - 5548 (221)	Hum Phy Sci (D012) - 5612 (207)	Plan (C210-J) - 5544	Bio (C220) - 5548 (221)	AVID 10/11 (D212) - 5612 (207)
Lathrop	1	Phys Sci (D212) - 5612 (207)	Phys Sci (D212) - 5612 (207)	Phys Sci (D212) - 5612 (207)	Photo 1 (D126) - 5581 (110)	AVID 10 (D212) - 5612 (207)	Photo 1 (D126) - 5581 (110)	Photo 2 (D126) - 5581 (110)
Leahy	1	Plan (D108-A) - 5606	Photo 1 (D126) - 5581 (110)	Photo 1 (D126) - 5581 (110)	Photo 1 (D126) - 5581 (110)	Photo 1 (D126) - 5581 (110)	DrwPrt (D102) -	DrwPt (D102) - (104)
Logan	1	PrSclpt (D109) - 5593 (109)	PrSclpt (D109) - 5593 (109)	PrSclpt (D109) - 5593 (109)	Plan (D108-F) - 5598	DrwPrt (D102) -	PrSclpt (D109) - 5593 (109)	Pre Calc (D206) - 5584 (202)
Marlow	1	Geom (D206) - 5584 (202)	AP Calc (D206) - 5584 (202)	AP Calc (D206) - 5584 (202)	Pre Calc (D206) - 5584 (202)	Pre Calc (D206) - 5584 (202)	Plan (D210-H) - 5589	Plan (D210-G) - 5589
Mauch	2	Phys Sci (E210) - 5657 (217)	Plan (E211-G) - 5669	Chem (E215) - 5657 (217)	Phys Sci (E215) - 5657 (217)	Phys Sci (E215) - 5657 (217)	Phys Sci (E215) - 5657 (217)	Hum Phys Sci (E215) - 5657 (217)
McAllister	2	Eng 311 (E212) - 5655 (215)	Hum Eng (E212) - 5655 (215)	Hum Eng (E212) - 5655 (215)	Hum Eng (E212) - 5655 (215)	Eng 311 (E212) - 5655 (215)	Eng 311 (E212) - 5655 (215)	Plan (E211-D) 5674
Miller, A	2	Vet Sci (E011) - 5627 (012)	AP Env Sci (E011) - 5627 (012)	AP Env Sci (E011) - 5627 (012)	Speech (E011) - 5627 (012)	Leadership (E011) - 5627 (012)	Fisheries (E207) - 5650 (211)	Fisheries (E207) - 5650 (211)
Miller, T	2	Hum Bio (E207) - 5650 (211)	Bio (E207) - 5650 (211)	Bio (E207) - 5650 (211)	Plan (E211-J) - 5572	Bio (E207) - 5650 (211)	PE 9 (A122) - 5560	PE 9 (A122) - 5560
Miller, V	2	Aerobics (A122) - 5560	PE 9 (A122) - 5560	PE (A122) - 5560	Plan (A122) - 5550	Dance (A122) - 5560	Eng 111 (E210) - 5653 (214)	Eng 111 (E210) - 5653 (214)
Moore	2	Eng 111 (E210) - 5653 (214)	Plan (E211-B) - 5674	CWI (E210) - 5653 (214)	Eng 111 (E210) - 5653 (214)	CWI (E210) - 5653 (214)	Geometry (C202) - 5531 (228)	Geometry (C202) - 5531 (228)
Motherbrhead	2	AP Stat (C202) - 5531 (228)	Plan (C210-D) - 5543	AP St Lb (C202) - 5531 (228)	Geometry (C202) - 5531 (228)	Geometry (C202) - 5531 (228)	Geometry (C212) - 5547 (222)	Geometry (C212) - 5547 (222)
Nance	2	Plan (C210-D) - 5541	Algebra (C212) - 5547 (222)	Algebra (C212) - 5547 (222)	Algebra (C212) - 5547 (222)	Rdshp Alg I (C212) - 5547 (222)	Eng 411 (E113) - 5647 (118)	Plan (E111-B) - 5642
Novak	2	Eng 411 (E113) - 5647 (118)	Eng 411 (E113) - 5647 (118)	Eng 411 (E113) - 5647 (118)	Eng 411 (E113) - 5647 (118)	Eng 411 (E113) - 5647 (118)	Anat Phys (D222) - 5613 (209)	Plan (D210-) 1597
Nyland	1	Biology (D222) - 5613 (209)	Biology (D222) - 5613 (209)	Biology (D222) - 5613 (209)	Bio Tech (D222) - 5613 (209)	Biology (D222) - 5613 (209)	Geometry (C208) - 5534 (225)	Geometry (C208) - 5534 (225)
Pratt	2	Plan (C210-D) - 5538	Trans Alg 2 (C208) - 5534 (222)	Algebra 2 (C208) - 5534 (225)	Geometry (C208) - 5534 (225)	Geometry (C208) - 5534 (225)	SUS I (E108) - 5632 (113)	Plan (E111-D - 5638
Reckling	1	Web Des (E108) - 5632 (113)	Web Des (E108) - 5632 (113)	Web Des (E108) - 5632 (113)	Des Law (E108) - 5632 (113)	Eng 211 (E208) - 5651 (212)	Hum Eng 10 (E208) - 5651 (212)	Hum Eng 10 (E208) - 5651 (212)
Redshaw	2	Eng 211 (E208) - 5651 (212)	Hum Eng (E208) - 5651 (212)	Hum Eng (E208) - 5651 (212)	Plan (E211-D) - 5673	Current Mth (E202) - 5649 (210)	Plan (E111-F) - 5637	Plan (E111-F) - 5637
Scheidt	2	Cmr Mth (E202) - 5649 (210)	Cmctmanager (E202) - 5649 (210)	Soc/Econ (E202) - 5649 (210)	Cmct Mth (E202) - 5649 (210)	Hum Eng 9 (E209) - 5652 (213)	Plan (E211-F) - 5675	Eng 211 (E209) - 5652 (213)
Scott	2	Hum Eng 9 (E209) - 5652 (213)	Eng 111 (E209) - 5652 (213)	Eng 111 (E209) - 5652 (213)	Eng 111 (E208) - 5586 (204)	Hum Eng 9 (E208) - 5586 (204)	Hum Eng 9 (E208) - 5586 (204)	Plan (D210-B) - 5562
Shattuck	1	English 109 (E208) - 5586 (204)	Eng 111 (E208) - 5586 (204)	Hum Eng (E208) - 5586 (204)	Hum Eng (E208) - 5586 (204)	Physics (D225) - 5614 (208)	Phys Sci (D225) - 5614 (208)	Phys Sci (D225) - 5614 (208)
Simonson	1	Plan (D210-A) -5592	Hum Phys Sci (D225) - 5614 (208)	Phys Sci (D225) - 5614 (208)	Phys Sci (D225) - 5614 (208)	US History (E211) - 5611 (226)	US History (E211) - 5611 (226)	US History (E211) - 5611 (226)
Spencer	1	US History (E211) - 5611 (206)	Plan (D210-J) - 5590	AVID (E011) - 5611 (226)	AVID (E011) - 5611 (226)	Cmctmanager (E010) - 5626 (011)	Lang Block (E010) - 5626 (011)	Lang Block (E010) - 5626 (011)
Stern		Lang Block (E010) - 5626 (011)	Lang Block (E010) - 5626 (011)	Lang Block (E010) - 5626 (011)	Plan (E009-C) - 5632 (011)	FishSutr (C125) - 5529 (120)	FishSutr (C125) - 5529 (120)	FishSutr (C125) - 5529 (120)
Talkosky	1	FishSutr (C125) - 5529 (120)	Junior Den (C125) - 5529 (127)	Junior Den (C125) - 5529 (120)	Careers Ed (C105) - 5521 (127)	Spanish 1 (D105) - 5697 (106)	Spanish 2 (D105) - 5697 (106)	Spanish 2 (D105) - 5697 (106)

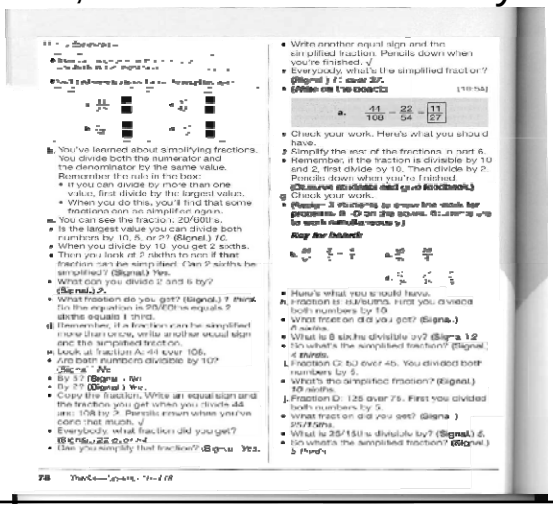
Idea #8: Intervention Internships

- Have teachers trained in the school's interventions in reading and math
- All teachers are expected to complete internships teaching interventions
- Promotes greater understanding and BETTER Teaching techniques

Idea #9: Show and Tell

- Show interventions, demonstrate how they work





Intermediate and Secondary Reading Interventions

Idea #10: RTI Book Studies

- Identify select books for discussion:
  - "Whatever It Takes"
  - "Brain Rules"
  - "Outliers"
  - "Helping Needy Kids in Our Backward System: 30 years of Trying"
  - **How about MY BOOK☺**

Idea #11: Principles of Effective Instruction (one per month)

- **Grouping for Instruction**
-
- Group students based on instructional purpose (e.g., one-on-one, pairs, small group) and students' needs (e.g., use small same-ability groups for struggling readers)
- *Use flexible grouping to allow students to be members of more than one group*
-
- **Explicit and Systematic Instruction**
-
- Review previous learning and prerequisite knowledge and skills
- *Keep reviews brief, frequent, and spaced over time*
-
- Identify objective and specific elements to be learned
- *Build specific knowledge and skills identified in state standards*
- *Target needs based on continuous progress monitoring*
-
- Activate and build background knowledge
- *Build on what students already know and expand their knowledge base*
- *Consider cultural and linguistic diversity*
-
- Reduce the amount of new information presented at one time

Idea #12: Show Videos

- Rick Dufour's video: "Through New Eyes"
- Others?

BEST Idea: ALL Teachers Responsible for Effective Tier 1

- KU Learning Strategies (e.g., Graphic Organizers, etc.) and Teaching Routines
- Complete and participate in Mainstream Consultation Agreements for students with basic skill deficits
- Classroom Management techniques (MBI)
- Teach study and organizational skills

BEST Idea: ALL Teachers Responsible for Effective Tier 1

- Use of Effective Instructional Practices
  - Choral response
  - No hand raising
  - Partner responses
  - Correction Procedures
  - Teach with BIG IDEA Focus
  - Effective use of Homework
  - **Understand Brain research**

Using Brain Research to Guide the Creation of Ideal Learning Conditions

Rule # 1

Memory is not fixed at the moment of learning….repetition provides the fixative!

Creating Ideal Learning Conditions

- Limit the amount of information presented per unit of time and repeat it.
- 25-minute sessions, cyclically repeated throughout the day.
- Subject A is taught for 25 min. constituting the first exposure. Ninety min. later, the 25 min. content of subject A is repeated, and then a third time.

Remember (memory)

- Most memories disappear within minutes – but those that survive the fragile period strengthen with time.
- The way to make long-term memory reliable is to incorporate new information gradually and repeat it in timed intervals.

Long-Term Memory

The relationship between repetition and memory is Absolute

Remember…We're all in this together

Steve is driving his car. He is travelling at 60 feet/second and the speed limit is 40 mph. Is Steve speeding?

He could find out by checking his speedometer.